

# IMIDAZOLINE RECEPTOR BINDING COMPOUNDS

## ABSTRACT

5 Pentamidine and analogs thereof have activity as imidazoline receptor binding compounds. A method of binding the imidazoline receptor, comprises contacting a bis-benzene to said imidazoline receptor in an amount effective to bind to said receptor, wherein said bis-benzene contains at least one amidine group (e.g., one or two). The contacting step may be carried out *in vivo* or *in vitro*. Contacting may be  
10 carried out with individual active compounds or with libraries of active compounds.

15

F:\Documents\UNC 5470\240\5470-240 patent application.doc